



Senate

General Assembly

File No. 444

January Session, 2017

Substitute Senate Bill No. 963

Senate, April 5, 2017

The Committee on Commerce reported through SEN. HARTLEY, J. of the 15th Dist. and SEN. FRANTZ, L. of the 36th Dist., Chairpersons of the Committee on the part of the Senate, that the substitute bill ought to pass.

AN ACT CONCERNING EDUCATIONAL AND ENVIRONMENTAL ISSUES RELATING TO MANUFACTURING.

Be it enacted by the Senate and House of Representatives in General Assembly convened:

1 Section 1. (NEW) (*Effective July 1, 2017*) The State Board of
2 Education, upon receipt of a proper application, shall issue an initial
3 educator certificate, in accordance with the provisions of section 10-
4 145b of the general statutes, to any applicant in the certification
5 endorsement area of occupational subjects in vocational-technical
6 schools who completes five years of experience in the field for which
7 such certificate is to be endorsed, including, but not limited to, five
8 years of apprenticeship or specialized schooling.

9 Sec. 2. (NEW) (*Effective October 1, 2017*) (a) Not later than July 1,
10 2018, the Commissioner of Energy and Environmental Protection shall,
11 in accordance with chapter 54 of the general statutes, issue a notice of
12 intent to adopt regulations fully consistent with the Hazardous Waste
13 Generator Improvements Rule, as published in the Federal Register of
14 November 28, 2016, except for any proposed modifications deemed
15 necessary by the commissioner, in accordance with subsection (h) of

16 section 22a-6 of the general statutes.

17 (b) If the commissioner is unable to fully comply with the provisions
18 of subsection (a) of this section before July 1, 2018, the Hazardous
19 Waste Generator Improvements Rule described in subsection (a) of this
20 section shall be the standard pertaining to hazardous waste generators
21 in the state until the commissioner adopts regulations as described in
22 said subsection (a).

23 Sec. 3. (*Effective from passage*) (a) Not later than January 1, 2018, the
24 Board of Regents for Higher Education shall develop a plan to (1)
25 expand the number of evening, weekend and online courses offered
26 under programs at Central Connecticut State University granting the
27 degrees or certifications required for faculty of manufacturing
28 program courses in the regional community-technical college system;
29 (2) develop and offer such programs at Charter Oak State College; and
30 (3) offer online courses in the field of mechatronics at Central
31 Connecticut State University and the regional community-technical
32 college system.

33 (b) Not later than January 1, 2018, the board shall submit such plan
34 and any recommendations for legislation relating to such plan to the
35 joint standing committees of the General Assembly having cognizance
36 of matters relating to commerce and higher education, in accordance
37 with the provisions of section 11-4a of the general statutes.

38 Sec. 4. (*Effective from passage*) (a) The chairpersons of the joint
39 standing committee of the General Assembly having cognizance of
40 matters relating to commerce shall appoint and convene a working
41 group to develop a program to train inmates in the custody of the
42 Commissioner of Correction for jobs in the manufacturing field.

43 (b) Appointments to the working group shall include, but need not
44 be limited to, a manufacturing instructor employed by a college or
45 university, a person who has experience providing job training to
46 inmates, a manufacturing teacher employed at a technical high school,
47 a representative of an association of manufacturers, an owner or

48 manager of a manufacturing company with fewer than one hundred
 49 employees, an owner or manager of a manufacturing company with
 50 more than one hundred employees, a representative of a private
 51 educational institution with a manufacturing program, the
 52 Commissioner of Economic and Community Development, or the
 53 commissioner's designee, the Labor Commissioner, or the
 54 commissioner's designee, and the Commissioner of Correction, or the
 55 commissioner's designee. All appointments to the working group shall
 56 be made not later than thirty days after the effective date of this
 57 section.

58 (c) The chairpersons of the joint standing committee of the General
 59 Assembly having cognizance of matters relating to commerce shall
 60 select the chairperson of the working group. The chairperson of the
 61 working group shall schedule the first meeting of the working group,
 62 which shall be held not later than sixty days after the effective date of
 63 this section.

64 (d) Not later than January 15, 2018, the working group shall submit
 65 legislative recommendations to implement the program developed
 66 pursuant to subsection (a) of this section to the joint standing
 67 committees of the General Assembly having cognizance of matters
 68 relating to commerce, labor and the judiciary, in accordance with the
 69 provisions of section 11-4a of the general statutes. The working group
 70 shall terminate on the date that it submits such report or January 15,
 71 2018, whichever is later.

| | | |
|---|------------------------|-------------|
| This act shall take effect as follows and shall amend the following sections: | | |
| Section 1 | <i>July 1, 2017</i> | New section |
| Sec. 2 | <i>October 1, 2017</i> | New section |
| Sec. 3 | <i>from passage</i> | New section |
| Sec. 4 | <i>from passage</i> | New section |

CE *Joint Favorable Subst.*

The following Fiscal Impact Statement and Bill Analysis are prepared for the benefit of the members of the General Assembly, solely for purposes of information, summarization and explanation and do not represent the intent of the General Assembly or either chamber thereof for any purpose. In general, fiscal impacts are based upon a variety of informational sources, including the analyst's professional knowledge. Whenever applicable, agency data is consulted as part of the analysis, however final products do not necessarily reflect an assessment from any specific department.

OFA Fiscal Note

State Impact:

| Agency Affected | Fund-Effect | FY 18 \$ |
|------------------------|------------------------|---------------------|
| Various State Agencies | GF - Potential Cost | Less than \$1000 |

Note: GF=General Fund

Municipal Impact: None

Explanation

The bill establishes a working group to develop a program to train inmates in the custody of the Commission of Correction for jobs in the manufacturing field. There may be a cost of less than \$1,000 in FY 18 to those agencies participating in the working group to reimburse legislators and agency staff for mileage expenses, currently at 53.5 cents/mile.

The Out Years

There is no ongoing fiscal impact because the working group terminates in FY 18.

OLR Bill Analysis**sSB-963*****AN ACT CONCERNING EDUCATIONAL AND ENVIRONMENTAL ISSUES RELATING TO MANUFACTURING.*****SUMMARY**

This bill requires the Department of Energy and Environment Protection (DEEP) commissioner to adopt hazardous waste regulations consistent with recent regulations adopted by the federal Environmental Protection Agency (EPA). Current DEEP hazardous waste regulations largely align with EPA regulations that were effective in 2001.

The bill also makes changes concerning the development of the manufacturing workforce. Specifically, it (1) reduces, from eight years to five years, the amount of industry experience a person needs to receive an initial educator certificate with an occupational subjects endorsement and teach at a technical high school, (2) requires the Board of Regents (BOR) to develop a plan to increase certain manufacturing-related course offerings, and (3) creates a task force to develop a pilot program to train inmates for manufacturing careers.

EFFECTIVE DATE: Upon passage, except that provisions related to (1) technical high school teacher certificates are effective July 1, 2017 and (2) hazardous waste regulations are effective October 1, 2017.

HAZARDOUS WASTE REGULATIONS

The bill requires the DEEP commissioner to issue a notice of intent to adopt regulations that are fully consistent, except for any modifications he deems necessary, with the EPA's Hazardous Waste Generator Improvements Rule, as published in the Federal Register of November 28, 2016. Under existing law and the bill, if the commissioner chooses to make modifications, any provisions that

differ from federal regulations must be clearly distinguishable either in the state regulations or in supporting documentation. DEEP must also provide an explanation of why provisions differ from the federal rules, which must be publicly available at the time the notice of intent is published.

If the commissioner has not adopted regulations as the bill requires by July 1, 2018, hazardous waste generators in the state must follow the federal rule's standards until the commissioner does so.

A "hazardous waste generator" is any entity that produces, usually through an industrial process, waste deemed hazardous under federal or state regulations. Federal and state regulations establish hazardous waste management requirements for three categories of generators that determine which requirements apply (conditionally exempt small quantity, small quantity, and large quantity generators) (see BACKGROUND). The requirements vary depending on the amount of hazardous waste generated and stored.

INITIAL EDUCATOR CERTIFICATES WITH OCCUPATIONAL SUBJECTS ENDORSEMENTS

Under current law, in order to receive an initial educator certificate to teach an occupational subject at a technical high school ("certificate"), a person must have:

1. a high school diploma or equivalent;
2. at least eight years of experience in the field for which the certificate will be endorsed, five of which may be apprenticeship or specialized schooling;
3. completed at least six semester hours of credit teaching vocational and industrial education; and
4. completed a special education course that meets the law's requirements (Conn. Agency Reg. § 10-145d-511).

The bill requires the State Department of Education (SDE), upon

receiving a proper application, to issue a certificate to anyone who has at least five years of experience, which may include apprenticeship or specialized schooling, in the field for which the certificate will be endorsed. Under the bill, it is unclear which additional requirements, if any, an applicant must meet to receive a certificate.

COLLEGE COURSE OFFERINGS

By January 1, 2018, the bill requires the BOR to develop a plan to:

1. expand the number of evening, weekend, and online courses offered by Central Connecticut State University (CCSU) in programs that grant degrees or certifications required for community college manufacturing program faculty;
2. develop and offer these programs at Charter Oak State College; and
3. offer online mechatronics courses at CCSU and the community colleges. (Mechatronics combines electronics and mechanical engineering.)

The community colleges generally do not require any specific degrees or certifications for their manufacturing faculty, other than a master's degree (which may be waived if there is a shortage of qualified instructors).

The BOR must submit this plan and any recommendations for related legislation to the Commerce and Higher Education committees by January 1, 2018.

WORKING GROUP ON MANUFACTURING TRAINING FOR INMATES

The bill requires the Commerce Committee chairpersons to appoint and convene a working group to develop a program to train inmates in the custody of the correction commissioner for manufacturing jobs.

Appointments must be made within 30 days of the bill's effective date and must include:

1. a college or university manufacturing instructor;
2. a person experienced in providing job training to inmates;
3. a technical high school manufacturing teacher;
4. a manufacturers' association representative;
5. an owner or manager of a small manufacturing company (i.e., fewer than 100 employees);
6. an owner or manager of a large manufacturing company (i.e., more than 100 employees);
7. a representative of a private educational institution with a manufacturing program; and
8. the economic and community development, labor, and correction commissioners, or their designees.

The Commerce Committee chairperson must select the working group's chairperson, who must schedule the group's first meeting, to be held within 60 days after the bill's passage.

The bill requires the group to report its legislative recommendations on implementing the program to the Commerce, Labor, and Judiciary committees by January 15, 2018. The working group ends on that date or the date it submits its report, whichever is later.

BACKGROUND

Current State Regulations and New Federal Rules

Hazardous waste generator regulations govern, among other things, (1) hazardous waste accumulation limits and storage methods; (2) waste treatment, disposal, and transport; (3) generator emergency preparation and personnel training; and (4) generator reporting and recordkeeping. Current state hazardous waste regulations generally incorporate by reference EPA rules that were effective in 2001, except that they are more stringent in some areas. For example, federal rules

allow small quantity generators to store up to 6,000 kilograms of waste, whereas state regulations allow only up to 1,000 kilograms.

Among other things, the new federal rules (1) provide more flexibility to conditionally exempt small quantity generators by allowing them to ship waste to a large quantity generator, (2) allow small quantity generators who generate an atypical amount of waste in a given month due to a non routine event to maintain their usual status and avoid the increased requirements associated with higher generator status, and (3) were reorganized and rewritten to make them easier for generators to understand and comply.

Related Bill

sSB 950, favorably reported by the Education Committee, contains similar provisions regarding the required work experience required for initial educator certificates with occupational subjects endorsements.

COMMITTEE ACTION

Commerce Committee

Joint Favorable Substitute

Yea 16 Nay 5 (03/21/2017)